Notice of Allowability 10(62) 1.004 Examinor Art Unit	Notice of Allowability	Application No.	Applicant(s)	Applicant(s)	
## Bruce F. Bell ## 1746 ## The MAILING DATE of this communication appears on the cover short with the correspondence address—herewith (or previously mailed). A Notice of Allowance (PTOL-165) or other approach communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initial of the Office or upon petition by the applicant. See 37 CFR 1.313 and MFEP 1308. 1. ☑ This communication is responsive to the RCE and IDS-1449 dated 09/21/04. 2. ☑ The allowed claim(s) is/are 1.39. 3. ☑ The drawings filed on 15.th/y 2002 are accepted by the Examiner. 4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All D) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No. ☐ 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (FCT Rul 17.2(a)). **Certified copies not received: ☐ Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-162) which gives reason(s) why the oath or declaration is deficient. (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ☐ (Paper No./Mail Date ☐ (PTO-143), Paper No./Mail Date ☐ (PTO-143), Paper No./Mail Date ☐ (PTO					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith for previously mailed, a Notice of Allowance (PTOL-65) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initial of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. Image: This communication is responsive to the RCE and IDS-1449 dated 09/21/04. 2. Image: The allowed claim(s) is/are 1-39. 3. Image: The drawings filed on 15.14b/2002 are accepted by the Examiner. 4. Image: Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). 3. Image: The drawings filed on 15.14b/2002 are accepted by the Examiner. 4. Image: The drawings filed on 15.14b/2002 are accepted by the Examiner. 5. Image: The drawings filed on 15.14b/2002 are accepted by the Examiner. 4. Image: The drawings filed on 15.14b/2002 are accepted by the Examiner. 5. Image: The drawings filed on 15.14b/2002 are accepted by the Examiner. 4. Image: The drawings filed on 15.14b/2002 are accepted by the Examiner. 5. Image: The drawings filed on 15.14b/2002 are accepted by the Examiner share been received in Application No. 6. Image: The certified copies of the priority documents have been received in this national stage application from the international Bureau (PCT Rule 17.2(a)). 6. Image: The certified copies of the priority documents have been received in this national stage application from the international Bureau (PCT Rule 17.2(a)). 7. Image: The certified copies of the priority documents have been received in this national stage application from the international Bureau (PCT Rule 17.2(a)). 8. Image: The certified copies of the priority documents have been received in this national stage application from the full bureau t		Examiner	Art Unit		
nerwith (or previously mailed); a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initial of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. ☑ This communication is responsive to the RCE and IDS-1449 dated 09/21/04. 2. ☑ The allowed claim(s) is/are 1-39. 3. ☑ The drawings filed on 15. http 2002 are accepted by the Examiner. 4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some or in North Comments have been received. 2. ☐ Certified copies of the priority documents have been received in Application No. ☐ . 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rute 17.2(a)). * Certified copies not received. ☐ . Applicant has THREE MONTHS FROM THE *MAILING DATE* of this communication to file a reply complying with the requirements noted below. Failure to Imney comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERICOD IS NOT EXTENDABLE. 5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ☐ . (b) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) ☐ hereto or 7: ☐ to Paper No./Mail Date ☐ . (b) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. **Matechment(s) ☐ DePOSIT OF and/or INFORMATION Dabout the deposit of BIOLOGICAL MATERIAL must		Bruce F. Bell	1746		
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Application/Control Number: 10/621,004

Art Unit: 1746

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

The prior art of record fails to teach and/or suggest a flowing junction reference electrode having a reference electrolyte solution having a viscosity η and a pressure P_E , a sample solution having a pressure P_S , wherein the difference between P_E and P_S is a pressure differential ΔP , a liquid junction member have N discrete nanochannels with the nanochannels having the dimensions D and lengths L, wherein the junction member is situated between the electrolyte solution and the sample solution and wherein ΔP , D, η and L are selected such that $\underline{D^2}\Delta P$ is greater than about 0.1 cm/sec.

The prior art of record submitted in this RCE has been considered and the same reasoning as in the previous reasons for allowance as set forth above, stand.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bruce F. Bell whose telephone number is 571-272-1296. The examiner can normally be reached on Monday-Friday 6:30 AM - 3:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Barr can be reached on 571 272-1414. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 10/621,004

Business Center (EBC) at 866-217-9197 (toll-free).

Art Unit: 1746

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic

BFB November 12, 2004 Succ Suc Bruce F. Bell Primary Examiner Art Unit 1746 Page 3